

IN THE CLAIMS:

a Please cancel Claims 10-11 and 16 without prejudice. Please
amend/replace Claims 1, 3-5, 12-15, and 17-23 as follows:

a¹ Claim 1. (amended) A brushless D.C. motor comprising:
a housing having a groove;
a stator positioned within said housing;
at least one radial spring positioned in said groove between said housing
and said stator to retain said stator within said housing; and
a dampening material disposed in said groove for dissipating any free
vibration of said stator and for absorbing forced vibration transmitted from said stator.

Claim 3. (amended) The brushless D.C. motor of claim 5 wherein said tolerance
band has a first and a second end.

a² Claim 4. (amended) The brushless D.C. motor of claim 5 wherein said tolerance
band is made from steel.

Claim 5. (amended) A brushless D.C. motor comprising:
a housing;
a stator positioned within said housing; and
at least one radial spring positioned between said housing and said stator
to retain said stator within said housing, wherein said radial spring is a tolerance band
having a plurality of waves formed thereon, said housing includes a groove and said
tolerance band is positioned within said groove.

Claim 12. (amended) A tolerance band to press fit a stator in a motor housing comprising:
a length of sheet material; and,
a plurality of wave structures formed in said length of sheet material,
wherein at least one of said plurality of wave structures is distinct from a remainder of said wave structures.

Claim 13. (amended) A tolerance band as claimed in claim 12 wherein said plurality of wave structures are lenticular in shape.

Claim 14. (amended) A tolerance band as claimed in claim 12 wherein said tolerance band is annular.

Claim 15. (amended) A tolerance band as claimed in claim 12 wherein said tolerance band includes first and second ends spaced from one another.

Claim 17. (amended) The brushless D.C. motor of claim 2 wherein said plurality of waves are equally spaced from one another.

Claim 18. (amended) The brushless D.C. motor of claim 17 wherein said tolerance band is generally circularly shaped.

Claim 19. (amended) The brushless D.C. motor of claim 17 wherein said waves have a crest offset a predetermined distance from said body.

AB

Claim 20. (amended) The brushless D.C. motor of claim 18 wherein said crest is generally curved in shape.

Claim 21. (amended) The brushless D.C. motor of claim 18 wherein said crest is generally flat in shape.

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Claim 22. (amended) The brushless D.C. motor of claim 18 wherein said tolerance band is made from steel.

Claim 23. (amended) The brushless D.C. motor of claim 18 wherein said tolerance band is made from an elastomeric material.

✓ Please add new Claims 24-26 as follows:

Claim 24. (new) The brushless D.C. motor as in Claim 1, wherein said groove is radially disposed within said housing.

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Claim 25. (new) The brushless D.C. motor as in Claim 1, wherein said radial spring is centered along a length of said stator.

Claim 26. (new) The brushless D.C. motor as in Claim 1, wherein said radial spring is configured to provide a radial force equivalent to that provided by a press fit interference of about .002 inches.
